ELONMEK
Tianjin Yining Meike Fine Chemical Co., Ltd.
No.197 Yuguan Road, Hebei District, Tianjin 300400, China

Technical Data Sheet
www.elonmek.com
fwj.tjs@gmail.com

201 Methyl Silicone Oil

Grades: 201 · Form: Linear silicone oil · Chemistry group: Defoamer Raw Materials

1. Product description

Trimethyl-capped linear polysiloxane with a dimethylsilicone backbone. Colourless, non-toxic, low-volatility, with excellent heat resistance, high flash point and low surface tension.

2. Typical properties

Property	201
Appearance	Colourless transparent oily liquid
Viscosity (25 °C, mPa·s)	50-10000
Density (g/cm³)	0.963-0.992
Flash point (°C)	■300

Values in the table are typical and indicative. They describe the grade as normally supplied and are not a contractual specification; the values confirmed for your order are those stated on the order confirmation.

3. Typical applications

Defoamer formulation · Moisture-proofing and insulation · Damping and shock absorption · Release agents · Lubricants for metal and plastic bearings · Textile softening and antistatic · Medical, pharmaceutical and cosmetic formulations · Paints, inks and polishes

4. Product characteristics

· Excellent heat resistance
· High flash point above 300 °C
· Electrical insulation
· Water repellency and lubrication
· Low surface tension
· Chemically stable
· Non-toxic and physiologically inert

5. Addition and dilution

Typical addition is 0.05–0.5 % on the weight of the foaming system, established in your own trial at process temperature. Emulsion grades are normally diluted with water before addition and added continuously where the foam forms continuously. Diluted emulsions are used within the working shift; do not store them long term.

6. Packaging and storage

Supplied in the packing agreed for the order — drums, IBC totes or composite cartons for powder grades. Store in the closed original packing, out of direct sunlight, within 5–35 °C, and protect emulsions from freezing. Shelf life is stated on the product label; batches are traceable by lot number.

7. Safety and documentation

A model-specific GHS safety data sheet is issued on request for every model listed above; it is not reproduced here because classification follows the exact grade and the destination regulation. Handling guidance for the family: avoid eye and skin contact, use gloves and goggles, ensure ventilation, and do not discharge concentrates to drains.

8. Contact

Tianjin Yining Meike Fine Chemical Co., Ltd.
No.197 Yuguan Road, Hebei District, Tianjin 300400, China
Email: fwj.tjs@gmail.com · Tel / WhatsApp: +86 185 2653 6999
Website: www.elonmek.com/contact — samples and application review on request.

Issued by the ElonMek technical team, Tianjin. This sheet is provided for product introduction and evaluation; it does not constitute a warranty or a delivery commitment.